



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2282-3

Job Sheet 186593



Part No: D2282-3

Job Qty: 60 ea

Part Name: Tube



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/17/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV E IPP Rev:A Removed from 9 Digit 05-12-02 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	60 Ea		1/4/19	0.00	0.00	Start Up Machining		1/18 JSD 12/12/18
100	Hardinge	60 pcs		1/4/19	0.01	1.89	Hardinge		" "
120	QC	60 pcs		1/4/19	0.00	0.00	QC8		18-12-03
130	Packaging	60 pcs		1/4/19	0.00	0.00	Packaging3		DAS
140	QC21-SA	60 Ea		1/4/19	0.00	0.00	QC21		21

Part Op 100 - 1-Turn as per Dwg D2282 and Folio FA188
Descriptions: 130 - *****STOCK IN LARGE FAB***** LOCATION : WA002

9-89

DEC 04 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304P0.675W.091	304/316 Pipe .675 OD x .091 Wall Thickness	13.9800 ft (.233 ea)	90-Start up Operation	5126571

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304P0.675W.091	14	30	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Handle Tube	2.375Inches	+ 0.000 - 0.020	2.375 2.355	

Plex 11/19/18 12:49 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																											
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																												
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																												
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																												
Large Fab ☐	Composite ☐	Supplier ☐																																													
Date : _____		Step #: _____		MRB (QSI042) Approval																																											
Description Work Order Dart Aerospace Ltd. 1270 Aberdeen Street Hewkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaero.com DART AEROSPACE Container No: S133771 Part: D2282 - 3 Job No: 186593 Serial No/Batch: S133771 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: Various STC's Date: 12/02/18						Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																									
Root Cause <table style="width:100%;"> <tr><td>Environment ☐</td><td>No Re-verification ☐</td></tr> <tr><td>Design ☐</td><td>Operator ☐</td></tr> <tr><td>Doc/Data ☐</td><td>Offset/Setup ☐</td></tr> <tr><td>Equip/Tooling ☐</td><td>Supplier ☐</td></tr> <tr><td>Handling/Pre ☐</td><td>Training ☐</td></tr> <tr><td>Material ☐</td><td>Use for Testing ☐</td></tr> <tr><td>Internal Transport ☐</td><td>Poor Information ☐</td></tr> <tr><td>Tribal Knowledge ☐</td><td>Rushing ☐</td></tr> <tr><td>LOA ☐</td><td>Product Improvement ☐</td></tr> <tr><td>Substation ☐</td><td>Process Improvement ☐</td></tr> <tr><td>Past Expiry Date ☐</td><td>Manufacturing Process ☐</td></tr> <tr><td>Misidentified ☐</td><td>Past Due ☐</td></tr> </table>		Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	<table style="width:100%;"> <tr> <td>☐ Crimp/Kink/Ripple/Wave</td> <td>☐ Inspection Incomplete/Unqualified</td> <td>☐ Wrong Stock Pulled</td> </tr> <tr> <td>☐ Cuffs</td> <td>☐ Contamination</td> <td>☐ Out of Sequence</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ Countersink</td> <td>☐ Off-set</td> </tr> <tr> <td>☐ Heat Treat</td> <td>☐ Cut Too Short</td> <td>☐ Mislabeled</td> </tr> <tr> <td>☐ Wave/Twist in Tube</td> <td>☐ Instructions Incomplete/Unclear</td> <td>☐ Fit/Function</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Misaligned/off center</td> </tr> </table>				☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Crushing	☐ Countersink	☐ Off-set	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center
Environment ☐	No Re-verification ☐																																														
Design ☐	Operator ☐																																														
Doc/Data ☐	Offset/Setup ☐																																														
Equip/Tooling ☐	Supplier ☐																																														
Handling/Pre ☐	Training ☐																																														
Material ☐	Use for Testing ☐																																														
Internal Transport ☐	Poor Information ☐																																														
Tribal Knowledge ☐	Rushing ☐																																														
LOA ☐	Product Improvement ☐																																														
Substation ☐	Process Improvement ☐																																														
Past Expiry Date ☐	Manufacturing Process ☐																																														
Misidentified ☐	Past Due ☐																																														
☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled																																													
☐ Cuffs	☐ Contamination	☐ Out of Sequence																																													
☐ Crushing	☐ Countersink	☐ Off-set																																													
☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled																																													
☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function																																													
☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center																																													
OTHER : _____																																															